

Title (en)

SPIRO (2H-1-BENZOPYRAN-2, 4' PIPERIDINE) CLASS III ANTIARRHYTHMICS.

Title (de)

SPIRO(2H-1-BENZOPYRAN-2,4-PIPERIDINE)ALS KLASSE III-ANTIARRHYTHMIKA.

Title (fr)

ANTIARYTHMIQUES DE CLASSE III A BASE DE SPIRO (2H-1-BENZOPYRANNE-2, 4' PIPERIDINE).

Publication

**EP 0683782 A4 19960327 (EN)**

Application

**EP 94909817 A 19940210**

Priority

- US 9402097 W 19940210
- US 1705193 A 19930212

Abstract (en)

[origin: US5698566A] PCT No. PCT/US94/02097 Sec. 371 Date Nov. 2, 1995 Sec. 102(e) Date Nov. 2, 1995 PCT Filed Feb. 10, 1994 PCT Pub. No. WO94/18204 PCT Pub. Date Aug. 18, 1994A series of novel spirocycles of general structural formula: <IMAGE> or a pharmaceutically acceptable salt, hydrate or crystal form thereof are presented, wherein R1=H3CSO2NH-, H3CO-, alkylSO2-, alkylCONH-, NO2-; R2=H, -OCH3; R3 and R4 taken together are =O, or R3 is H and R4 is OH; R5=R6 taken together are -CH2-CH2-, =CH2; R7 is <IMAGE>gents and positive inotropic or cardiotonic agents.

IPC 1-7

**C07D 491/107**; A61K 31/55; A61K 31/70; A61K 31/735; A61K 31/445

IPC 8 full level

**A61K 31/445** (2006.01); **A61P 9/06** (2006.01); **C07D 491/10** (2006.01); **C07D 491/107** (2006.01)

CPC (source: EP US)

**A61P 9/06** (2017.12 - EP); **C07D 491/10** (2013.01 - EP US)

Citation (search report)

- [E] WO 9501335 A1 19950112 - MERCK & CO INC [US], et al
- [PX] D. CAI ET AL: "Effects of triethylamine in asymmetric reduction using oxazaborolidine reagents", TETRAHEDRON LETTERS., vol. 34, no. 20, 14 May 1993 (1993-05-14), OXFORD GB, pages 3243 - 3246, XP000611479, DOI: doi:10.1016/S0040-4039(00)73672-0
- See references of WO 9418204A1

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